

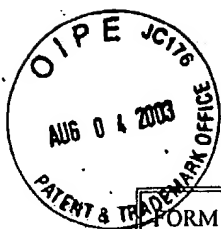
SHEET 1 OF 7

FORM PTO-1449		DOCKET NUMBER MAT 3D7		APPLICATION NUMBER 09/851,539		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT William Willett				
		FILING DATE May 7, 2001		GROUP ART UNIT 3712		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
D.S.	248,115	10/11/1881	Stearns, Jr.			
	3,298,130	1/17/67	Ryan			
	3,767,901	10/23/73	Black et al.			
	3,912,694	10/14/75	Chiappe et al.			
	4,107,462	8/15/78	Asija			
	4,139,968	2/20/79	Milner			
	4,177,589	12/11/79	Villa			
	4,207,704	6/17/80	Akiyama			
	4,231,184	11/4/80	Corris et al.			
	4,245,430	1/20/81	Hoyt			
D.S.	4,318,245	3/9/82	Stowell et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
D.S.	WO 87/07522	12/17/87	WIPO			XX
D.S.	WO 96/15837	5/30/96	WIPO			XX
OTHER DOCUMENTS						
EXAMINER		DATE CONSIDERED				
D. S. Smith		3/29/04				



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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DG	4,516,950	5/14/85	Berman et al.			
	4,565,487	1/21/86	Kroczyński			
	4,579,540	4/1/86	Ho			
DG	4,659,919	4/21/87	Price			
DG	4,660,033	4/21/87	Brandt			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	D. L. Willett			DATE CONSIDERED 3/29/04		

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FORM PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER MAT 3D7		APPLICATION NUMBER 09/851,539		
		APPLICANT William Willett				
		FILING DATE May 7, 2001		GROUP ART UNIT 3712		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DG	4,696,653	9/29/87	McKeefery	—	—	—
	4,729,563	3/8/88	Yokoi	—	—	—
	4,767,374	8/30/88	Yang	—	—	—
	4,809,335	2/28/89	Rumsey	—	—	—
	4,825,136	4/25/89	Farhat	—	—	—
	4,846,693	7/11/89	Baer	—	—	—
	4,850,930	7/25/89	Sato et al.	—	—	—
	4,855,725	8/8/89	Fernandez	—	—	—
D.G.	4,864,607	9/5/89	Mitamura et al.	—	—	—
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	D. Suhol			DATE CONSIDERED 3/29/04		

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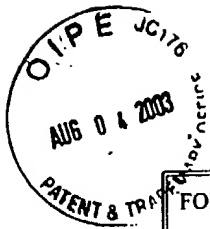
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT William Willett				
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
D.S.	5,011,449	4/30/91	Handy et al.			
	5,029,214	7/2/91	Hollander			
	5,096,451	3/17/92	Smith et al.			
	5,100,138	3/31/92	Wilde			
	5,141,464	8/25/92	Stern et al.			
	5,142,803	9/1/92	Lang			
	5,158,492	10/27/92	Rudell et al.			
	5,195,920	3/23/93	Collier			
JV	5,213,510	5/25/93	Freeman			
D.S.	5,236,385	8/17/93	May			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	D. Entwistle			DATE CONSIDERED 3/29/04		

SHEET 5 OF 7

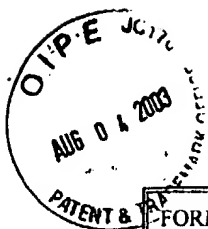
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DS	5,239,665	8/24/93	Tsuchiya			
	5,270,480	12/14/93	Hikawa			
	5,280,265	1/18/94	Kramer et al.			
	5,413,355	5/9/95	Gonzalez			
	5,413,516	5/9/95	Lam			
	5,468,172	11/21/95	Basile			
	5,474,484	12/12/95	Lemelle			
DS	5,478,240	12/26/95	Cogliano			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	D. Suhol		DATE CONSIDERED 3/29/04			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
DG	5,495,557	2/27/96	Hyman et al.			
	5,493,185	2/20/96	Mohr et al.			
	5,493,281	2/20/96	Owens			
	5,501,627	3/26/96	Ekstein			
	5,534,888	7/9/96	Lebby et al.			
	5,636,994	6/10/97	Tong			
DG	5,648,999	7/15/97	Easterling et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS						
EXAMINER	D. Schul			DATE CONSIDERED 3/29/04		

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.	
D.S.	5,655,945	8/12/97	Jani				
	5,656,907	8/12/97	Chainani et al.				
	5,682,196	10/28/97	Freeman				
	5,855,483	1/5/99	Collins et al.				
	5,873,765	2/23/99	Rifkin et al.				
	6,048,209	4/11/00	Bailey				
	6,159,101	12/12/00	Simpson				
Dfr	6,435,936	8/20/02	Rehkemper et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS							
EXAMINER	D. Gubol			DATE CONSIDERED 3/29/04			

